

ABSTRACT

A movable wall comprising: a panel; a first bracket connected to a first side of the panel; a second bracket connected to a second side of the panel; a first screw, the first screw
5 being located on the first side of the panel and engaging the first bracket, whereby rotation of the first screw causes the first bracket to raise or lower; a second screw, the second screw being located on the second side of said panel and engaging the second bracket, whereby rotation of the second screw causes the second bracket to raise or lower; a motor; a shaft, the shaft being rotatable by the motor; a first gearbox being
10 connected to the shaft and adapted to change the direction of rotation of the shaft, the first gearbox further being connected to the first screw; and a second gearbox being connected to the shaft and adapted to change the direction of rotation of the shaft, the second gearbox further being connected to the second screw, wherein rotation of the shaft rotates the first screw and the second screw at an equal rate of rotation, thereby raising or
15 lowering the panel.